

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE MICHIGAN				
WIND PT LT WI TO WINTHROP HBR IL COUNTY				
0.6 NE KENOSHA	06/07/07 09:00 CST		1K	Marine Strong Wind (MG 37 kt)
	06/07/07 09:00 CST		0	42.5861N, 87.8217W
A canopy on a boat in the harbor was ripped into pieces.				
Strong, gusty, gradient, southwest winds ahead of a cold front peaked over 34 knots (40 mph) over the Lake Michigan waters.				
WIND PT LT WI TO WINTHROP HBR IL COUNTY				
0.6 NE KENOSHA	06/07/07 15:05 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	06/07/07 15:05 CST		0	42.5861N, 87.8217W
A line of strong to severe thunderstorms moved out over Lake Michigan.				
NORTH PT LT TO WIND PT WI COUNTY				
2.2 NE MILWAUKEE HARBOR	06/07/07 16:00 CST		1K	Marine Strong Wind (MG 39 kt)
	06/07/07 16:00 CST		0	43.0525N, 87.9392W
A canopy on a boat in the harbor was ripped into pieces.				
Strong, gusty, gradient, southwest winds ahead of a cold front peaked over 34 knots (40 mph) over the Lake Michigan waters.				
SHEBOYGAN TO PT WASHINGTON WI COUNTY				
1.7 E SHEBOYGAN	06/07/07 21:20 CST		0	Marine Thunderstorm Wind (MG 44 kt)
	06/07/07 21:20 CST		0	43.75N, 87.686W
NORTH PT LT TO WIND PT WI COUNTY				
2.2 NE MILWAUKEE HARBOR	06/07/07 22:20 CST		0	Marine Thunderstorm Wind (MG 47 kt)
	06/07/07 22:20 CST		0	43.0525N, 87.9392W
Minimum sustained wind speed was 38 knots (44 mph) for the period of 22:15 to 22:30CST as thunderstorms rolled through the harbor.				
WIND PT LT WI TO WINTHROP HBR IL COUNTY				
0.6 NE KENOSHA	06/07/07 23:15 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	06/07/07 23:15 CST		0	42.5861N, 87.8217W
A line of strong to severe thunderstorms moved out over Lake Michigan.				
NORTH PT LT TO WIND PT WI COUNTY				
2.2 NE MILWAUKEE HARBOR	06/18/07 15:45 CST		0	Marine Thunderstorm Wind (MG 47 kt)
	06/18/07 15:45 CST		0	43.0525N, 87.9392W
NORTH PT LT TO WIND PT WI COUNTY				
2.2 NE MILWAUKEE HARBOR	06/18/07 15:50 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	06/18/07 15:50 CST		0	43.0525N, 87.9392W
SHEBOYGAN TO PT WASHINGTON WI COUNTY				
1.7 E SHEBOYGAN	06/18/07 16:48 CST		0	Marine Thunderstorm Wind (MG 41 kt)
	06/18/07 16:48 CST		0	43.75N, 87.686W
A cluster of strong to severe thunderstorms ahead of a cold front moved out over Lake Michigan. The storms moved northeast at 35 knots or higher.				

WISCONSIN, Southeast

(WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z058) DODGE, (WI-Z060) OZAUKEE, (WI-Z064) JEFFERSON, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z069) ROCK, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/01/07 00:00 CST		0	Dense Fog
	06/01/07 06:00 CST		0	
Dense fog developed during the overnight hours of June 1st and reduced visibilities to 1/8 to 1/4 mile. Several airline flights were delayed. Evaporation of moisture from rain the day before combined with light winds and a mostly clear sky to set the stage for dense fog.				
LAFAYETTE COUNTY				
3.8 S SHULLSBURG	06/01/07 14:17 CST		0	Tornado (EF0, L: 0.10 mi , W: 20 yd)
3.7 S SHULLSBURG	06/01/07 14:17 CST		0	42.5159N, 90.216W ~ 42.517N, 90.2158W
A brief, weak tornado spun up about 3.8 miles south (168 degrees) of Shullsburg. Only some minor tree damage was noted. Specifically, it occurred about 0.7 miles southwest/225 degrees of the intersection of Blackhawk Rd. and Monticello Rd. The lat/lon data is: N42.51590 W90.21600 for the start point and N42.51696 W90.21577 for the end point. The average path width was about 10 yards. DI#27 (TH), DOD2. Estimated winds 65-70 knots (75-80 mph).				
LAFAYETTE COUNTY				
2.1 WNW DUNBARTON	06/01/07 14:31 CST		0	Tornado (EF0, L: 0.23 mi , W: 30 yd)
2.1 WNW DUNBARTON	06/01/07 14:32 CST		0	42.5785N, 90.1688W ~ 42.5818N, 90.1686W
A brief, weak tornado spun up about 2.1 miles west-northwest of Dunbarton, or about 3.3 miles east of Shullsburg, or 0.27 southeast (133 degrees) of the insection of STH 11 and CTH E/Summit Rd. It resulted n only matted-down grasses, since the corn crop wasn't tall enough to sustain damage. It traveled north and cross STH 11, about 0.23 miles east of the intersection of STH 11 and CTH E, and dissipated just north of STH 11. The decaying supercell thunderstorm that generated this tornado also spun up an earlier weak tornado about 3.8 miles south of Shullsburg. The specific lat/lon data for the Dunbarton tornado is: N42.57850 W90.16877 for the start and N42.58176 W90.16859 for the end point. The average path width was 20 yards. No DI. Estimated wind speed is 56-61 knots (65-70 mph).				
MILWAUKEE COUNTY				
7.2 SW MILWAUKEE	06/01/07 16:50 CST		0	Heavy Rain
3.0 E FRANKLIN	06/01/07 18:50 CST		0	42.9564N, 88.0706W ~ 42.87N, 88.0208W
Heavy rains up to 2.65 inches in two hours resulted in minor urban flooding of roads since storm sewers were unable to handle the volumn of runoff.				
DODGE COUNTY				
1.0 NE WATERTOWN	06/01/07 16:55 CST		20K	Thunderstorm Wind (EG 65 kt)
	06/01/07 16:55 CST		0	43.2102N, 88.706W
An isolated downburst leveled trees near the intersection fo STH 16 and CTH R. At least a couple homes sustained some roof damage when large trees fell on them.				
WALWORTH COUNTY				
SHARON	06/01/07 17:10 CST		5K	Thunderstorm Wind (EG 56 kt)
	06/01/07 17:10 CST		0	42.5N, 88.73W
An isolated downburst leveled trees on the southwest side of the village. There was slight power-line damage.				
WAUKESHA COUNTY				
WAUKESHA	06/01/07 18:00 CST		0	Heavy Rain
MENOMONEE FALLS	06/01/07 20:00 CST		0	43.02N, 88.22W ~ 43.18N, 88.1W
Heavy rains up to around 2 inches in two hours resulted in minor urban flooding of roads since storm sewers were unable to handle the volumn of runoff. Water depths on some roads reached 10 to 15 inches.				
On June 1st, isolated severe storms generated a couple weak tornadoes in Lafayette County and dome downburst wind damage (toppled trees) in the counties of Dodge and Walworth. This activity was the first day of a 7-day period of periodic showers and storms across southern Wisconsin as a cut-off, upper-level, low pressure moved slowly east from the Dakotas through the lower Great Lakes Region. Spiral bands of convection developed, and became enhanced with daytime heating. There was a sufficient amount of vertical wind shear to generate isolated supercells and scattered severe storms from time to time.				
WASHINGTON COUNTY				
2.1 SSW JACKSON	06/02/07 13:19 CST		0	Tornado (EF0, L: 0.01 mi , W: 15 yd)
	06/02/07 13:19 CST		0	43.2917N, 88.1861W

Storm Data and Unusual Weather Phenomena - June 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A brief, weak tornado spun up about 2.12 miles south-southwest (198 degrees) of the city of Jackson, or about 2.4 miles north of the village of Richfield (just west of STH 45), or about 0.23 miles southwest (225 degrees) of the STH 45 overpass with Western Ave. It was stationary during its 20-30 seconds life-span, based on trained spotter accounts. It resulted in only matted-down grasses. No EF-Scale Damage Indicator (DI) could be used. Specific lat/lon info is: N43.29313 W88.19027. Estimated average path width was about 20 yards. Estimated wind speed is 56-61 knots (65-70 mph).</p> <p>Isolated severe weather affected Washington County on June 2nd as a line of thunderstorms moved north/northeast through southern Wisconsin. On this day, an upper-level, cut-off low pressure was drifting slowly east through Minnesota. Sufficient vertical wind shear was present in spiral bands of convection in order to generate rotating updrafts in some cells.</p>				
(WI-Z052) SHEBOYGAN, (WI-Z060) OZAUKEE				
	06/02/07 21:00 CST		0	Dense Fog
	06/03/07 06:00 CST		0	
<p>Dense fog developed overnight on June 2nd and lowered visibilities to 1/8 to 1/4 mile. A few early-morning airplane flights were delayed at the Sheboygan County airport. A light southeast wind off Lake Michigan, mostly clear skies, and left-over evaporated moisture from rain during the daytime on June 2nd set the stage for dense fog.</p>				
SAUK COUNTY				
HILLPT	06/03/07 09:35 CST		0	Funnel Cloud
	06/03/07 09:35 CST		0	43.42N, 90.12W
WASHINGTON COUNTY				
2.9 NNE KIRCHHAYN	06/03/07 13:10 CST		25K	Tornado (EF1, L: 0.45 mi , W: 50 yd)
3.3 NNE KIRCHHAYN	06/03/07 13:20 CST		0	43.337N, 88.0722W ~ 43.3435N, 88.0729W
<p>A weak tornado struck a rural cluster of homes about 2.9 miles north-northeast (82 degrees) of Kuchhayn, or 4.5 miles east of Jackson, or about 0.4 miles southeast (135 degrees) of the intersection of CTH M and Cedar Creek Rd., and then headed north and crossed Cedar Creek Rd. It dissipated just south of Cedar Creek, or about 3.3 north-northeast (72 degrees) of Kirchhayn. Two homes on Highview Dr. sustained slight damage to roof shingles, gutters, and siding. A boat and shed were also damaged. About 30 trees sustained damage, and 6 were uprooted. Average path width was about 25 yards. The specific lat/lon data is: N43.3370 W88.07220 for the start and N43.34350 W88.07290 for the end point. DI #2 (FR12), DOD2. Estimated wind speeds 90 mph.</p>				
WASHINGTON COUNTY				
3.0 E WEST BEND	06/03/07 13:15 CST		0	Funnel Cloud
	06/03/07 13:15 CST		0	43.42N, 88.1203W
JEFFERSON COUNTY				
5.0 W JEFFERSON	06/03/07 15:10 CST		25K	Thunderstorm Wind (EG 56 kt)
HELENVILLE	06/03/07 15:35 CST		0	43N, 88.8988W ~ 43.02N, 88.7W
<p>Powerful thunderstorm winds toppled trees and resulted in damage to power-lines and cable-TV lines. Electrical customers were without power for several hours. Associated rain was described as going sideways in white sheets. Between Jeffeson and Helenville a couple roads were blocked with tree debris. About 2 inches of rain accompanied the storms.</p>				
DANE COUNTY				
5.0 W MADISON	06/03/07 17:00 CST		0.20M	Flash Flood (due to Heavy Rain)
3.0 E MADISON	06/03/07 21:00 CST		0	43.07N, 89.5189W ~ 43.07N, 89.3606W
<p>Heavy rains due to repeated rounds of thunderstorms resulted in a flash flood across Madison. Water depths on some roads reached 3 feet, and numerous homes had basement flooding. Some of the UW-Madison campus buidlings also sustained water damage to foundations and/or contents. For the day up to 2100CST, Middleton, which is adjacent to the west side of Madison, measured 3.62 inches of rain. In only one hour during the evening, the far northeast side of Madison picked up 2.25 inches, based on spotter reports. Estimated WSR-88D Doppler radar rainfall rates reached 1 to 2 inches per hour as the storms moved the city.</p>				
DANE COUNTY				
CROSS PLAINS	06/03/07 18:20 CST		0	Funnel Cloud
	06/03/07 18:20 CST		0	43.12N, 89.63W
<p>For the 3rd consecutive day, severe weather struck parts of south-central and southeast Wisconsin on June 3rd in the form of an isolated tornado, downburst winds (toppled trees), and a flash flood. On this day, a cut-off low pressure drifted slowly across Wisconsin, after being found back in the Dakotas on June 1st. Spiral bands of convection continued to become enhanced during the daytime heating period.</p>				
(WI-Z052) SHEBOYGAN, (WI-Z060) OZAUKEE, (WI-Z066) MILWAUKEE, (WI-Z071) RACINE, (WI-Z072) KENOSHA				

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	06/03/07 19:00 CST		0	Dense Fog
	06/04/07 06:00 CST		0	

Dense fog developed overnight and reduced visibilities to 1/8 to 1/4 mile in the counties near Lake Michigan. Several airplane flights were delayed. The dense fog resulted from the combination of a clear sky, and a light southeast wind that brought moisture in from Lake Michigan.

FOND DU LAC COUNTY

FOND DU LAC	06/04/07 05:00 CST		50K	Flash Flood (due to Heavy Rain)
	06/04/07 08:00 CST		0	43.78N, 88.45W

A flash flood occurred across the city of Fond du Lac that resulted in widespread basement flooding, and minor road damage consisting of gravel and shoulder washouts. Water depths on some streets reached 2 to 4 feet. A coop observer in the city measured 3.9 inches of rain while the storms were rolling through the city.

On June 4th, repeated rounds of thunderstorms, moving north to south around sunrise, dumped heavy rains on the city of Fond du Lac that resulted in a flash flood.

(WI-Z051) FOND DU LAC, (WI-Z066) MILWAUKEE, (WI-Z068) GREEN, (WI-Z069) ROCK, (WI-Z071) RACINE, (WI-Z072) KENOSHA

	06/07/07 09:00 CST		35K	Strong Wind (MAX 39 kt)
	06/07/07 16:00 CST		0	

Strong south winds, gusting to around 39 knots (45 mph), raked parts of south-central and southeast Wisconsin on June 7th. These strong winds occurred ahead of a cold front that trailed behind a deep low pressure that moved northeast through the state of Minnesota. There were scattered reports of downed power-lines as the wind broke trees branches that then fell on the lines. At the top of the 15-story AOS Building on the UW-Madison campus, a 41 knot (47 mph) wind gust was measured at 0916CST.

GREEN COUNTY

5.0 W MONTICELLO	06/07/07 17:10 CST		0	Funnel Cloud
	06/07/07 17:10 CST		0	42.73N, 89.6784W

GREEN COUNTY

1.0 S NEW GLARUS	06/07/07 17:20 CST		0	Funnel Cloud
	06/07/07 17:20 CST		0	42.8055N, 89.63W

MILWAUKEE COUNTY

6.0 SW MILWAUKEE	06/07/07 21:00 CST		0	Heavy Rain
(MKE)MITCHELL APT MI	06/07/07 23:00 CST		0	42.9687N, 88.0539W ~ 42.95N, 87.9W

Thunderstorms with heavy rain dumped 1.3 inches in 43 minutes. Minor road flooding resulted and water depths of 1 foot on roads were reported.

WALWORTH COUNTY

ELKHORN	06/07/07 21:43 CST		15K	Thunderstorm Wind (EG 65 kt)
	06/07/07 21:50 CST		0	42.67N, 88.55W

Large trees were toppled and several power-lines were damaged due to powerful straight-line thunderstorm winds that raked the city of Elkhorn.

RACINE COUNTY

WATERFORD	06/07/07 21:54 CST		10K	Thunderstorm Wind (MG 61 kt)
	06/07/07 22:00 CST		0	42.77N, 88.22W

Large trees were toppled and several power-lines were damaged due to powerful straight-line thunderstorm winds that raked the city of Waterford.

WAUKESHA COUNTY

5.0 SE MUSKEGO	06/07/07 22:00 CST		0	Thunderstorm Wind (EG 52 kt)
	06/07/07 22:10 CST		0	42.8489N, 88.0603W

Several large trees were uprooted by powerful, straight-line thunderstorm winds.

MILWAUKEE COUNTY

6.0 S MILWAUKEE	06/07/07 22:10 CST		10K	Thunderstorm Wind (MG 56 kt)
	06/07/07 22:10 CST		0	42.9433N, 87.97W

Several large trees were uprooted by powerful, straight-line thunderstorm winds. Power-lines were damaged.

Storm Data and Unusual Weather Phenomena - June 2007

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MILWAUKEE COUNTY				
6.0 SW MILWAUKEE	06/07/07 22:10 CST		10K	Thunderstorm Wind (MG 59 kt)
	06/07/07 22:10 CST		0	42.9687N, 88.0539W
Several large trees were uprooted by powerful, straight-line thunderstorm winds. Power-lines were damaged.				
MILWAUKEE COUNTY				
GLENDALE	06/07/07 22:15 CST		10K	Thunderstorm Wind (EG 56 kt)
	06/07/07 22:25 CST		0	43.13N, 87.9W
Several large trees were uprooted by powerful, straight-line thunderstorm winds. Power-lines were damaged.				
Two lines of thunderstorms on June 7th, the first one pre-frontal and the second one along a cold front, moved east across south-central and southeast Wisconsin. Some of the cells generated funnel clouds, powerful downburst winds that toppled large trees, and locally heavy rains (minor urban flooding).				
JEFFERSON COUNTY				
3.0 E FT ATKINSON	06/18/07 14:15 CST		0	Thunderstorm Wind (EG 52 kt)
	06/18/07 14:15 CST		0	42.93N, 88.7908W
Powerful thunderstorm wind gusts toppled several large trees, some up to 18 inches in diameter.				
KENOSHA COUNTY				
1.0 NE BENET LAKE	06/18/07 14:57 CST		0.15M	Thunderstorm Wind (EG 74 kt)
3.0 NW SOMERS	06/18/07 15:12 CST		0	42.5102N, 88.0161W ~ 42.6807N, 87.9417W
A powerful macroburst moved northeast through central Kenosha County and tore up dozens of trees, and damaged a number of powerlines. The width of the damage path was on the order of 5 to 6 miles. Estimated peak wind gusts were probably on the order of 74 knots (85 mph). A large tree in Bristol fell on a church, resulting in appreciable damage. In the civil town of Paris, on CTH D, a 10' by 50' part of a home's roof was ripped off.				
RACINE COUNTY				
4.0 WSW STURTEVANT	06/18/07 15:12 CST		0.60M	Thunderstorm Wind (EG 74 kt)
3.5 NE HUSHER	06/18/07 15:28 CST		0	42.6779N, 87.9727W ~ 42.8558N, 87.8512W
A powerful macroburst moved northeast through the eastern half of Racine county and tore up hundreds of trees, blew over several semi-tractor trailers on Interstate-94 between STH 11 and 20, leveled a barn, destroyed another pole shed, ripped the roof off a home, and toppled about 30 power-poles and 59 spans of wire. Additionally, there was wind damage to the Ives Grove Golf Course, the County Board chambers, a Sheriff's Department storage building, and a Public Works Department garage. About a half-dozen campers were overturned by the powerful winds. Several homes sustained tree debris damage. At least six other cars were significantly damaged by flying debris or fallen trees. Monetary damage to the power-poles and power-lines was on the order of \$90,000 alone. Newspaper reports mentioned that the damaged swath looked like a war-zone. The width of the damage swath was on the order of 3 to 5 miles. Based on the structural damage it is that estimated peak wind gusts were probably on the order of 87 knots (100 mph). Eyewitness accounts indicated that visibility was less than 10 yards due to the winds and rains.				
MILWAUKEE COUNTY				
4.0 SE OAK CREEK	06/18/07 15:29 CST		10K	Thunderstorm Wind (EG 56 kt)
3.0 SE OAK CREEK	06/18/07 15:32 CST		0	42.8291N, 87.8142W ~ 42.8393N, 87.8282W
Powerful thunderstorm winds toppled large trees and damaged power-lines. Estimated wind gusts were on the order of 56 knots (65 mph).				
WAUKESHA COUNTY				
1.0 SW BROOKFIELD	06/18/07 15:37 CST		2K	Thunderstorm Wind (EG 52 kt)
1.0 N BROOKFIELD	06/18/07 15:41 CST		0	43.0598N, 88.164W ~ 43.0845N, 88.15W
Powerful thunderstorm winds toppled large trees. Estimated wind gusts were on the order of 52 knots (60 mph). One tree landed on the roof of a home, but there was only minor gutter damage.				
WAUKESHA COUNTY				
1.5 E MENOMONEE FALLS	06/18/07 15:52 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/18/07 15:52 CST		0	43.18N, 88.0703W
Powerful thunderstorm winds toppled large trees. Estimated wind gusts were on the order of 52 knots (60 mph).				
OZAUKEE COUNTY				

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3.0 SW MEQUON	06/18/07 16:00 CST		2K	Thunderstorm Wind (EG 52 kt)
	06/18/07 16:00 CST		0	43.1893N, 88.0221W
Powerful thunderstorm winds toppled large trees. Estimated wind gusts were on the order of 52 knots (60 mph).				
ROCK COUNTY				
BELOIT	06/18/07 21:30 CST		30K	Flash Flood (due to Heavy Rain)
	06/18/07 23:00 CST		0	42.52N, 89.03W
Repeated rounds of thunderstorms resulted in a flash flood that left water depths on some roads to around 3 feet. Several cars were stalled and sustained water damage. Some basements also flooded. WSR-88D Doppler radar rainfall estimates were in the 2 to 3 inch range.				
KENOSHA COUNTY				
1.0 NE SILVER LAKE	06/18/07 23:00 CST		0.10M	Flash Flood (due to Heavy Rain)
	06/18/07 23:45 CST		0	42.5602N, 88.1561W
Repeated rounds of thunderstorms resulted in a brief flash flood that left water depths on some roads to 2 to 3 feet. CTH B, south of STH 50, was washed out by fast-flowing water, and water depths in that area reached 3 feet. Some gravel shoulder washouts were also noted around Silver Lake. WSR-88D Doppler radar rainfall estimates were in the 2 to 3 inch range. Private citizes measured 2.6 inches in Bristol and Paris.				
On June 18th small clusters of storms moved northeast through southeastern Wisconsin ahead of a cold front. Wet microbursts and macrobursts generated powerful wind gusts of 65 to 87 knots (75 to 100 mph) that toppled large trees, damaged power-lines and power-poles, and pushed over vehicles. Localized flash flooding was reported. Maximum afternoon air temperatures reached the mid to upper 80s with dewpoints in the mid to upper 60s. About 19,400 customers lost electrical service.				
RACINE COUNTY				
5.5 SE BURLINGTON	06/21/07 06:44 CST		0	Hail (0.75 in)
	06/21/07 06:44 CST		0	42.6138N, 88.1936W
KENOSHA COUNTY				
WHEATLAND PADDOCK LAKE	06/21/07 06:47 CST		0.20M	Hail (1.00 in)
	06/21/07 06:57 CST		0	42.6N, 88.2W ~ 42.58N, 88.12W
Large hail up to 1 inch in diameter coated the ground white from Wheatland to Paddock Lake. In this swath, at least 600 acres of corn, soybean, and hay were severely damaged.				
KENOSHA COUNTY				
SILVER LAKE	06/21/07 06:56 CST		0	Hail (0.88 in)
	06/21/07 06:56 CST		0	42.55N, 88.17W
RACINE COUNTY				
2.0 NW STURTEVANT	06/21/07 12:33 CST		3K	Lightning
	06/21/07 12:33 CST		0	42.7204N, 87.9278W
Lightning struck an electrical power transformer, resulting in the loss of service to 700 customers and several stop lights in the area from Caladonia to Sturtevant.				
DANE COUNTY				
MADISON	06/21/07 18:10 CST		0	Thunderstorm Wind (EG 52 kt)
	06/21/07 18:15 CST		0	43.07N, 89.42W
Numerous large tree branches were knocked down across the city as a severe storms moved southeast. Some large trees were also pushed over.				
DANE COUNTY				
3.0 S CROSS PLAINS	06/21/07 18:22 CST		0	Hail (0.75 in)
	06/21/07 18:22 CST		0	43.0766N, 89.63W
In addition to the hail, estimated thunderstorm wind gusts to about 43 knots (50 mph) were reported.				
DANE COUNTY				
MT VERNON	06/21/07 18:58 CST		0	Hail (0.75 in)
	06/21/07 18:58 CST		0	42.95N, 89.33W
IOWA COUNTY				

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CLYDE	06/21/07 19:20 CST		0	Thunderstorm Wind (EG 56 kt)
	06/21/07 19:20 CST		0	43.12N, 90.22W

Large trees were pushed over by powerful thunderstorm wind gusts.

LAFAYETTE COUNTY

ARGYLE	06/21/07 21:00 CST		10K	Lightning
	06/21/07 21:00 CST		0	42.7N, 89.87W

Lightning struck a power-pole outside an electrical-generating plant in Arygle. The electrical charge associated with the lightning then traveled inside the plant and started a fire in the generator. Only minor damage was noted due to quick response by fire-fighters.

Two rounds of isolated severe storms affected parts of south-central and southeast Wisconsin on June 21st - one in the early morning hours and the second one during the evening. An upper-level low pressure and weak frontal boundary aided in the thunderstorm development. The storms that did become severe generated large hail and damaging downburst winds.